

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Cullen F. Jennings  
Serial No.: 10/634,668  
Filing Date: August 5, 2003  
Group Art Unit: 2618  
Examiner: Eugene Yun  
Confirmation No.: 7154  
Title: SIGNAL DETECTION USING PROBALISTIC  
TECHNIQUES

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE PURSUANT TO 37 C.F.R. §1.116**

In response to the Final Office Action dated January 3, 2007, Applicant respectfully requests the Examiner to reconsider the rejections of the claims in view of the following comments.